Status of the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1.-16. (Cancelled)

17.   A system for providing a user with increased application performance and functionality within a computer system, comprising:

(a)   a graphical user interface, accessible via the computer system, for allowing the user to select an application executing on the computer system to accelerate;

(b)   an application database that contains profile information on said application;

(c)   a system database that contains configuration information about the computer system; and

(d)   an intelligent memory that comprises:

(i)   control logic that uses said application database and said system database to determine a set of modifications; and

(ii)   a memory that stores said application and allows said control logic to implement said set of modifications while said application is executing on the computer system;

whereby a processing speed of said application is accelerated to more fully utilize the processing capabilities of the processor within the computer.

18.   The system of claim 17, wherein said set of modifications include at least one of the following:

(i)   modifications to said application executing on the computer system;

(ii)   modifications to an operating system running the computer system; and

(iii)   modifications to the hardware within the computer system.

- 4 -

19.   The system of claim 17, where said graphical user interface comprises an application table illustrating the name of said application for the user to select.

20.   The system of claim 17, wherein said intelligent memory is implemented by the processor and the memory of the computer system.

21.   The system of claim 17, wherein said intelligent memory resides on the motherboard of the computer system and separated from the processor.

22.   The system of claim 17, further comprising:
        means for updating said application database and said system database.

23.   The system of claim 17, wherein the computer system includes a network, and said application is a client-server software application executing in a distributed fashion over said network.

24.   A method for providing a user with increased application performance and functionality within a computer system, comprising the steps of:
        (1)   receiving an executing application input from the user via a graphical user interface;
        (2)   accessing an application database that contains profile information about said executing application;
        (3)   accessing a system database that contains configuration information about the computer system;
        (4)   applying control logic that uses the information in said application database and said system database to determine a set of modifications; and
        (5)   applying said control logic to make said set of modifications whereby a processing speed of said application is accelerated to more fully utilize the processing capabilities of the processor within the computer.

25.   The method of claim 24, wherein said set of modifications include at least one of the following:

(i)   modifications to said application executing on the computer system;

(ii)   modifications to an operating system running the computer system; and

(iii)   modifications to the hardware within the computer system.

26.   The method of claim 24, wherein said executing application input is a process within the operating system executing on the computer system.

27.   The method of claim 24, wherein said executing application input is a thread of an application executing on the computer system.

28.   The method of claim 24, wherein said user is a client-side program of a client-server software application executing in a distributed fashion on the computer system.

29.   The method of claim 28, wherein said executing application input is a server-side program within said client-server software application executing in a distributed fashion on the computer system.

30.   The method of claim 24, wherein said user is a server-side program of a client-server software application executing in a distributed fashion on the computer system.

31.   The method of claim 30, wherein said executing application input is a client-side program within said client-server software application executing in a distributed fashion on the computer system.

32.   A computer program product comprising a computer usable medium having control logic stored therein for causing a computer to provide a user with increased application performance and functionality, said control logic comprising:

a first computer readable program code means for causing the computer to receive an executing application input from the user via a graphical user interface;

a second computer readable program code means for causing the computer to access an application database that contains profile information about said executing application;

a third computer readable program code means for causing the computer to access a system database that contains configuration information about the computer;

a fourth computer readable program code means for causing the computer to apply the information located in said application database and said system database to determine a set of modifications; and

a fifth computer readable program code means for causing the computer to make said set of modifications whereby a processing speed of said application is accelerated to more fully utilize the processing capabilities of the processor within the computer.

33.   The computer program product of claim 32, wherein said fifth computer readable program code means comprises:

a sixth computer readable program code means for causing the computer to modify said application executing on the computer system;

a seventh computer readable program code means for causing the computer to modify an operating system running the computer system; and

an eighth computer readable program code means for causing the computer to modify the hardware within the computer system.